



Kentucky Agricultural Statistics Service  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

*LELAND E. BROWN, State Statistician*

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JOC 6-02

**AGRICULTURAL NEWS:** Cooler, wet weather returned last week interrupting many farm activities throughout the State. Some farmers are reporting that some of their corn needs to be replanted in low lying areas. Temperatures averaged 57 degrees, 3 degrees below normal and 16 degrees below last week's average. Rainfall totaled 2.80 inches statewide, 1.82 inches above normal. **Topsoil moisture**, as of Friday, April 26, was rated 1 percent short, 59 percent adequate, and 40 percent surplus. **Subsoil moisture**, was rated 2 percent short, 63 percent adequate, and 35 percent surplus. Days suitable for fieldwork averaged 2.9 out of a possible 7.

**TOBACCO:** Tobacco transplants were reported as 46 percent less than 2 inches, 34 percent were between 2 to 4 inches, and 20 percent were larger than 4 inches. Farmers are just beginning to set Burley and Dark tobacco.

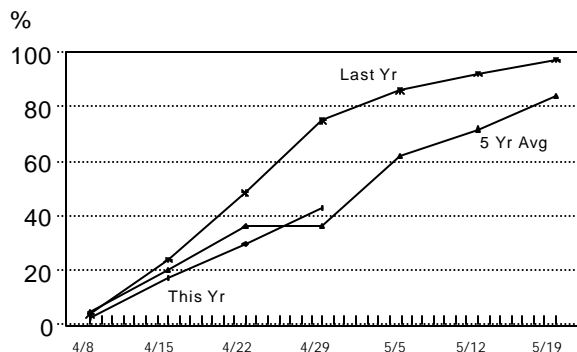
**CORN:** Some farmers in the western counties are reporting washout after some thunderstorms last

week, particularly in low lying areas. Corn producers have seeded 43 percent of their acres with 32 percent already emerging. This compares with 71 percent planted and 38 percent emerged last year. Emerged corn rated 1 percent very poor, 6 percent poor, 26 percent fair, 52 percent good, and 15 percent excellent.

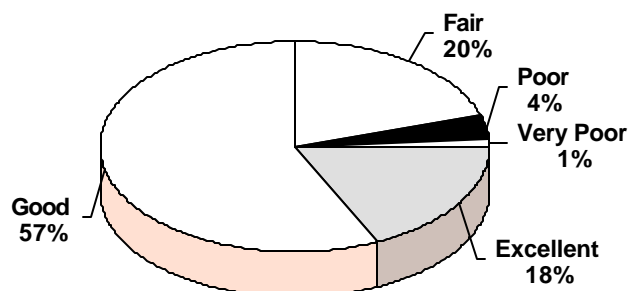
**SMALL GRAINS:** As of Sunday, April 28, winter wheat condition was 1 percent very poor, 4 percent poor, 20 percent fair, 57 percent good, and 18 percent excellent. Wheat headed was reported at 18 percent, well behind the 27 percent in 2001.

**OTHER CROPS:** Pasture condition was rated 1 percent very poor, 3 percent poor, 17 percent fair, 59 percent good, and 20 percent excellent. Farmers are reported hay crops as 4 percent poor, 19 percent fair, 61 percent good, and 16 percent excellent. Soybeans were 2 percent planted. Ample nitrogen fertilizer supplies were available statewide.

**CORN PLANTING PROGRESS**



**WHEAT CONDITION  
(Apr. 26)**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING APRIL 28, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	43	71	49	30	13
Emerged	32	38	22	15	NA
Soybeans					
Planted	2	6	3	1	NA
Wheat					
Headed or Heading	18	27	29	5	9
Burley Tobacco Set	0	1	1	NA	NA
Dark Tobacco Set	0	1	0	NA	NA

(NA) Data Not Available.

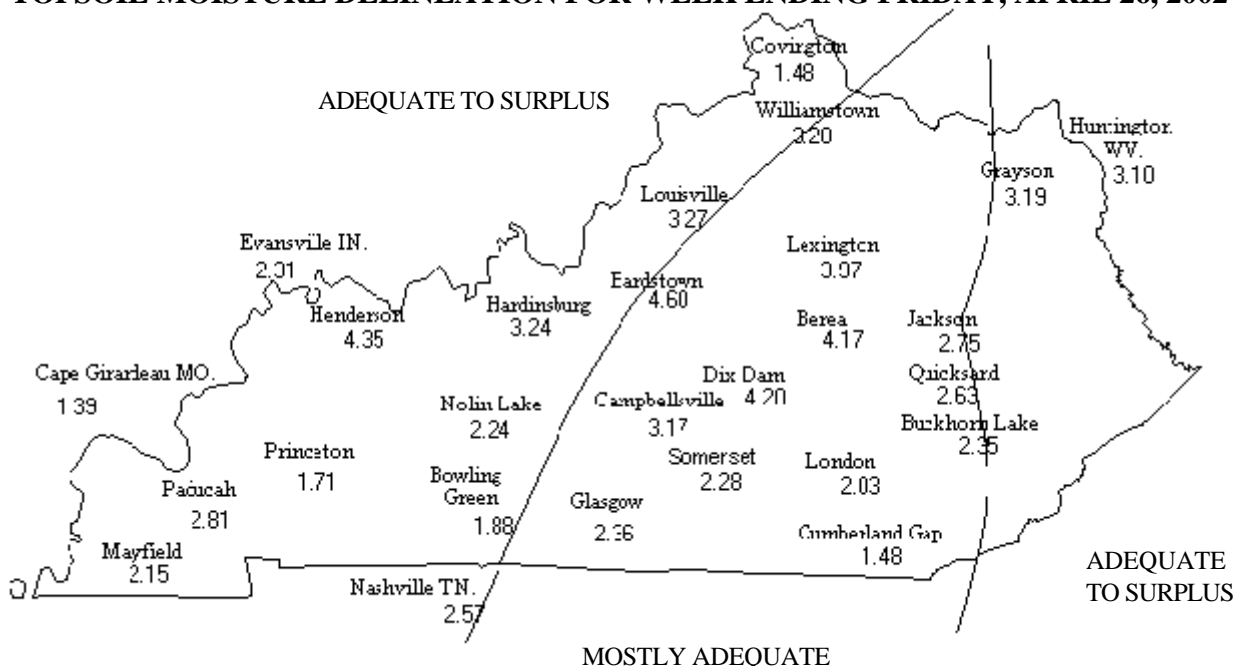
**SOIL MOISTURE**  
WEEK ENDING APRIL 26, 2002  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	0	0
Short	1	3
Adequate	59	73
Surplus	40	24
<b>SUBSOIL</b>		
Very Short	0	1
Short	2	3
Adequate	63	74
Surplus	35	22

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING APRIL 26, 2002					WEEK ENDING APRIL 19, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	1	6	26	52	15	0	4	13	60	23
Wheat	1	4	20	57	18	0	2	13	57	28
Pasture	1	3	17	59	20	1	3	20	55	21
Hay Crops	0	4	19	61	16	-	-	-	-	-

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 28, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 26, 2002**



## **KENTUCKY WEATHER SUMMARY, APRIL 22 - 28, 2002:**

### **BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:**

Much cooler temperatures and wet weather dominated the Bluegrass State during the past week and provided many interruptions to field activities. Weekend severe weather brought heavy rain, high winds, hail, at least one tornado and numerous sighting of funnel clouds to the State with one death reported in Western KY. Scattered frost in Central and Eastern sections of the State was reported on Tuesday April 25 (Lexington and Williamstown reported 33 degrees).

Temperatures for the period averaged 57 degrees across the State which was 3 degrees BELOW normal and 16 degrees cooler than the previous week. High temperatures averaged from 69 in the West to 67 in the East. Departure from normal high temperatures ranged from 6 degrees BELOW normal in the West to 2 degrees BELOW normal in the East. Low temperatures averaged from 49 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 1 degree BELOW normal in the West to 2 degrees BELOW normal in the East. Extreme high temperatures were in the 80's and extreme low temperatures were near 32 degrees.

Rainfall for the period totaled 2.80 inches statewide which was 1.82 inches ABOVE normal. Rainfall totals by climate division, West 2.41 inches, Central 2.93 inches, Bluegrass 3.39 inches and East 2.48 inches, which was 1.34, 1.93, 2.45 and 1.56 inches respectively ABOVE normal. By station, rainfall totals ranged from a low of 1.48 inches at Covington and Cumberland Gap to a high of 4.60 inches at Bardstown.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL**

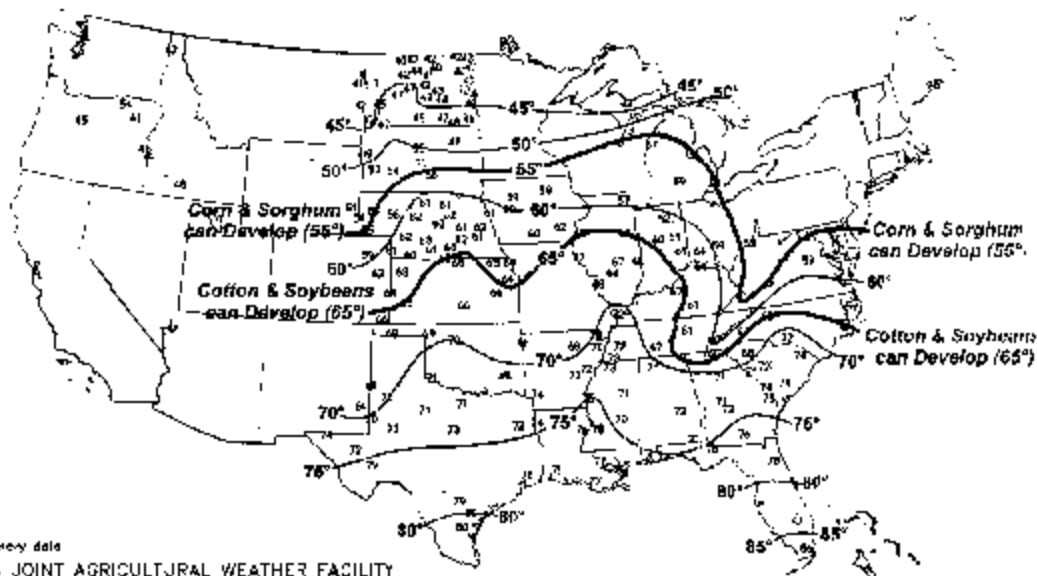
**FOR WEEK ENDING SUNDAY, APRIL 28, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	4.60	7.09	7.09	+3.47	+3.47	79	36	56.5	-3	64	357	+77
Berea	4.17	5.04	5.04	+1.06	+1.06	80	36	57.4	-1	73	390	+110
Bowling Green	1.88	7.30	7.30	+3.27	+3.27	84	37	58.4	-2	73	368	+88
Bristol	0.75	0.98	0.98	-2.10	-2.10	81	33	58.1	-0	80	355	+103
Buckhorn Lake	2.35	3.41	3.41	-0.09	-0.09	80	38	56.3	-2	61	354	+102
Cape Girardeau	1.39	6.02	6.02	+1.89	+1.89	80	44	60.1	-2	78	371	+91
Campbellsville	3.17	4.59	4.59	+0.17	+0.17	84	37	58.7	-1	78	394	+114
Covington	1.48	5.93	5.93	+2.43	+2.43	76	33	52.5	-6	41	272	+48
Cumberland Gap	1.48	2.07	2.07	-1.74	-1.74	82	36	58.1	-0	75	361	+109
Dix Dam	4.20	5.80	5.80	+1.86	+1.86	80	35	56.5	-2	63	357	+77
Evansville	2.31	7.27	7.27	+3.52	+3.52	76	41	57.1	-5	61	341	+89
Glasgow	2.36	3.54	3.54	-0.71	-0.71	87	38	60.6	+1	89	417	+193
Grayson	3.19	5.16	5.16	+1.77	+1.77	81	37	55.2	-3	56	335	+111
Hardinsburg	3.24	7.60	7.60	+3.58	+3.58	79	38	57.0	-3	62	351	+71
Henderson	4.35	8.20	8.20	+4.22	+4.22	75	40	57.2	-5	63	360	+80
Huntington	3.10	5.32	5.32	+1.96	+1.96	81	37	55.1	-4	57	328	+76
Jackson	2.75	4.01	4.01	+0.18	+0.18	79	38	56.2	-2	58	356	+104
Lexington	3.97	5.36	5.36	+1.74	+1.74	80	34	54.9	-4	49	310	+86
London	2.03	2.98	2.98	-0.68	-0.68	81	36	55.6	-3	60	331	+79
Louisville	3.27	6.41	6.41	+2.46	+2.46	78	37	55.4	-4	53	332	+80
Mayfield	2.15	5.01	5.01	+0.30	+0.30	80	38	57.1	-5	65	348	+40
Nashville	2.57	3.00	3.00	-1.08	-1.08	84	41	60.8	+1	82	403	+95
Nolin Lake	2.24	7.10	7.10	+2.87	+2.87	82	37	57.6	-2	68	357	+77
Paducah	2.81	5.78	5.78	+1.10	+1.10	77	43	58.3	-4	66	374	+94
Princeton	1.71	5.70	5.70	+1.22	+1.22	82	42	60.6	-2	88	425	+117
Quicksand	2.63	3.84	3.84	+0.01	+0.01	79	38	56.1	-2	58	359	+107
Somerset	2.28	3.79	3.79	-0.27	-0.27	82	37	56.8	-2	68	352	+72
Spindletop	2.29	4.19	4.19	+0.57	+0.57	78	34	54.1	-5	53	307	+83
Williamstown	3.20	4.71	4.71	+0.84	+0.84	78	33	56.6	-2	63	345	+121

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# Average Soil Temperature (°F, 4" Bare)

APR 14 - 20, 2002



## Corn Percent Planted

State	Apr 21 2002	Prev Week	Prev Year	5-Yr Avg
CO	3	1	3	5
IL	18	1	17	14
IN	2	0	10	7
IA	12	1	1	3
KS	26	11	22	20
<b>KY</b>	<b>30</b>	<b>17</b>	<b>45</b>	<b>34</b>
MI	1	0	0	1
MN	3	0	0	4
MO	52	26	22	30
NE	8	1	2	4
NC	60	33	57	57
ND	0	0	0	1
OH	2	2	3	6
PA	7	1	0	2
SD	1	0	0	1
TN	63	25	63	53
TX	66	59	48	59
WI	0	0	0	1
ALL	13	4	9	10

These 18 States planted 93% of last year's corn acreage.

## Winter Wheat Condition (Percent)

State	VP	P	F	G	E X
AR	3	15	34	42	6
CA	0	0	5	90	5
CO	19	21	46	13	1
ID	0	7	19	65	9
IL	0	2	21	57	20
IN	1	7	31	48	13
KS	15	23	36	23	3
MI	1	3	29	57	10
MO	1	6	31	54	8
MT	36	28	29	7	0
NE	9	21	40	29	1
NC	0	4	30	62	4
OH	2	5	25	53	15
OK	23	18	30	26	3
OR	20	20	31	24	5
SD	2	13	34	45	6
TX	25	22	31	20	2
WA	1	2	35	53	9
ALL	15	18	32	31	4
Prev Wk	15	18	33	30	4
Prev Yr.	7	15	34	38	6

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